

### ABSTRACT

A method for preparing a rare earth permanent magnet  
5 material comprising the steps of:

disposing a powder comprising one or more members  
selected from an oxide of  $R^2$ , a fluoride of  $R^3$ , and an  
oxyfluoride of  $R^4$  wherein  $R^2$ ,  $R^3$  and  $R^4$  each are one or more  
elements selected from among rare earth elements inclusive of  
10 Y and Sc on a sintered magnet form of a  $R^1$ -Fe-B composition  
wherein  $R^1$  is one or more elements selected from among rare  
earth elements inclusive of Y and Sc, and

heat treating the magnet form and the powder at a  
temperature equal to or below the sintering temperature of  
15 the magnet in vacuum or in an inert gas.

The invention offers a high performance, compact or  
thin permanent magnet having a high remanence and coercivity  
at a high productivity.